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(FILE 'HOME' ENTERED AT 17:44:08 ON 02 JAN 2001)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 17:44:19 ON 02 JAN 2001

L1 71761 S ADENOVIRUS OR ADENOVIRAL  
L2 574 S E4ORF4 OR E4ORF6 OR DEATH(W) PROTEIN  
L3 208 S L1 AND L2  
L4 76 S L3 AND APOPTOSIS  
L5 30 DUP REM L4 (46 DUPLICATES REMOVED)

=> d 1-30 au ti so l5

L5 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2001 ACS  
IN Patel, Salil; Mcarthur, James; Gyuris, Jenö; Mendez, Michael J.; Finer, Mitchell  
TI Anti-neoplastic compositions and uses thereof  
SO PCT Int. Appl., 126 pp.  
CODEN: PIXXD2

L5 ANSWER 2 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Boyer J L; Ketner G (Reprint)  
TI Genetic analysis of a potential zinc-binding domain of the **adenovirus** E4 34k protein  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (19 MAY 2000) Vol. 275, No. 20, pp. 14969-14978.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.  
ISSN: 0021-9258.

L5 ANSWER 3 OF 30 MEDLINE DUPLICATE 1  
AU Marcellus R C; Chan H; Paquette D; Thirlwell S; Boivin D; Branton P E  
TI Induction of p53-independent **apoptosis** by the **adenovirus** **E4orf4** protein requires binding to the Balpa subunit of protein phosphatase 2A.  
SO JOURNAL OF VIROLOGY, (2000 Sep) 74 (17) 7869-77.  
Journal code: KCV. ISSN: 0022-538X.

L5 ANSWER 4 OF 30 MEDLINE DUPLICATE 2  
AU Shtrichman R; Sharf R; Kleinberger T  
TI **Adenovirus** **E4orf4** protein interacts with both Balpa and B' subunits of protein phosphatase 2A, but **E4orf4**-induced **apoptosis** is mediated only by the interaction with Balpa.  
SO ONCOGENE, (2000 Aug 3) 19 (33) 3757-65.  
Journal code: ONC. ISSN: 0950-9232.

L5 ANSWER 5 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Levvero M; DeLaurenzi V; Costanzo A; Sabatini S; Gong J; Wang J Y J; Melino G (Reprint)  
TI The p53/p63/p73 family of transcription factors: overlapping and distinct functions  
SO JOURNAL OF CELL SCIENCE, (MAY 2000) Vol. 113, No. 10, pp. 1661-1670.  
Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE  
COMMERCIAL  
PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.

ISSN: 0021-9533.

- L5 ANSWER 6 OF 30 MEDLINE DUPLICATE 3  
AU Lavoie J N; Champagne C; Gingras M C; Robert A  
TI **Adenovirus** E4 open reading frame 4-induced **apoptosis**  
involves dysregulation of Src family kinases.  
SO JOURNAL OF CELL BIOLOGY, (2000 Sep 4) 150 (5) 1037-56.  
Journal code: HMV. ISSN: 0021-9525.
- L5 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 4  
AU Kleinberger, T.  
TI Induction of **apoptosis** by **adenovirus E4orf4**  
protein  
SO Apoptosis (2000), 5(3), 211-215  
CODEN: APOPFN; ISSN: 1360-8185
- L5 ANSWER 8 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Xu Z Z; Nevels M; MacAvoy E S; Lockett L J; Curiel D; Dobner T; Both G W  
(Reprint)  
TI An ovine **adenovirus** vector lacks transforming ability in cells  
that are transformed by AD5 E1A/B sequences  
SO VIROLOGY, (25 APR 2000) Vol. 270, No. 1, pp. 162-172.  
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
92101-4495.  
ISSN: 0042-6822.
- L5 ANSWER 9 OF 30 MEDLINE DUPLICATE 5  
AU Yamano S; Tokino T; Yasuda M; Kaneuchi M; Takahashi M; Niitsu Y; Fujinaga  
K; Yamashita T  
TI Induction of transformation and p53-dependent **apoptosis** by  
**adenovirus** type 5 **E4orf6/7** cDNA.  
SO JOURNAL OF VIROLOGY, (1999 Dec) 73 (12) 10095-103.  
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 10 OF 30 MEDLINE DUPLICATE 6  
AU Shtrichman R; Sharf R; Barr H; Dobner T; Kleinberger T  
TI Induction of **apoptosis** by **adenovirus E4orf4**  
protein is specific to transformed cells and requires an interaction with  
protein phosphatase 2A.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1999 Aug 31) 96 (18) 10080-5.  
Journal code: PV3. ISSN: 0027-8424.
- L5 ANSWER 11 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Steegenga W T (Reprint); Shvarts A; Riteco N; Bos J L; Jochemsen A G  
TI Distinct regulation of p53 and p73 activity by **adenovirus** E1A,  
E1B, and **E4orf6** proteins  
SO MOLECULAR AND CELLULAR BIOLOGY, (MAY 1999) Vol. 19, No. 5, pp.  
3885-3894.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
WASHINGTON, DC 20005-4171.  
ISSN: 0270-7306.
- L5 ANSWER 12 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Nevels M; Spruss T; Wolf H; Dobner T (Reprint)  
TI The **adenovirus E4orf6** protein contributes to malignant  
transformation by antagonizing E1A-induced accumulation of the tumor  
suppressor protein p53  
SO ONCOGENE, (7 JAN 1999) Vol. 18, No. 1, pp. 9-17.  
Publisher: STOCKTON PRESS, HOUNDMILLS, BASINGSTOKE RG21 6XS, HAMPSHIRE,  
ENGLAND.  
ISSN: 0950-9232.
- L5 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2001 ACS  
IN Branton, Philip E.; Shore, Gordon C.; Teodoro, Jose G.; Marcellus,  
Richard

C.; Lavoie, Josee N.  
 TI Use of **adenovirus** 4 death proteins to  
 induce p53-independent **apoptosis**  
 SO PCT Int. Appl., 88 pp.  
 CODEN: PIXXD2

L5 ANSWER 14 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS  
 AU Hardwick, J. Marie (1); Ketner, Gary (1); Clem, Rollie J.  
 TI Viral genes that modulate **apoptosis**.  
 SO Wilson, J. W. [Editor]; Booth, C. [Editor]; Potten, C. S. [Editor].  
 (1998)  
 pp. 243-279. Apoptosis genes.  
 Publisher: Kluwer Academic Publishers 101 Phillip Drive, Norwell,  
 Massachusetts 02061, USA.  
 ISBN: 0-412-83860-5.

L5 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2001 ACS  
 AU Higashino, Fumihiro; Pipas, James M.; Shenk, Thomas  
 TI **Adenovirus E4orf6** oncoprotein modulates the function  
 of the p53-related protein, p73  
 SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(26), 15683-15687  
 CODEN: PNASA6; ISSN: 0027-8424

L5 ANSWER 16 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
 AU Roth J; Konig C; Wienzek S; Weigel S; Ristea S; Dobbelsstein M (Reprint)  
 TI Inactivation of p53 but not p73 by **adenovirus** type 5 E1B  
 55-kilodalton and E4 34-kilodalton oncoproteins  
 SO JOURNAL OF VIROLOGY, (NOV 1998) Vol. 72, No. 11, pp. 8510-8516.  
 Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
 WASHINGTON, DC 20005-4171.  
 ISSN: 0022-538X.

L5 ANSWER 17 OF 30 MEDLINE DUPLICATE 7  
 AU Marcellus R C; Lavoie J N; Boivin D; Shore G C; Ketner G; Branton P E  
 TI The early region 4 orf4 protein of human **adenovirus** type 5  
 induces p53-independent cell death by **apoptosis**.  
 SO JOURNAL OF VIROLOGY, (1998 Sep) 72 (9) 7144-53.  
 Journal code: KCV. ISSN: 0022-538X.

L5 ANSWER 18 OF 30 MEDLINE DUPLICATE 8  
 AU Shtrichman R; Kleinberger T  
 TI **Adenovirus** type 5 E4 open reading frame 4 protein induces  
**apoptosis** in transformed cells.  
 SO JOURNAL OF VIROLOGY, (1998 Apr) 72 (4) 2975-82.  
 Journal code: KCV. ISSN: 0022-538X.

L5 ANSWER 19 OF 30 MEDLINE DUPLICATE 9  
 AU Li Y; Kang J; Horwitz M S  
 TI Interaction of an **adenovirus** E3 14.7-kilodalton protein with a  
 novel tumor necrosis factor alpha-inducible cellular protein containing  
 leucine zipper domains.  
 SO MOLECULAR AND CELLULAR BIOLOGY, (1998 Mar) 18 (3) 1601-10.  
 Journal code: NGY. ISSN: 0270-7306.

L5 ANSWER 20 OF 30 MEDLINE DUPLICATE 10  
 AU Lavoie J N; Nguyen M; Marcellus R C; Branton P E; Shore G C  
 TI **E4orf4**, a novel **adenovirus** death factor that induces  
 p53-independent **apoptosis** by a pathway that is not inhibited by  
 zVAD-fmk.  
 SO JOURNAL OF CELL BIOLOGY, (1998 Feb 9) 140 (3) 637-45.  
 Journal code: HMV. ISSN: 0021-9525.

L5 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 11  
 AU Wold, William S. M.; Tollefson, Ann E.  
 TI **Adenovirus** E3 proteins: 14.7K, RID, and gp19K inhibit

- immune-induced cell death; **adenovirus death protein** promotes cell death  
SO Semin. Virol. (1998), 8(6), 515-523  
CODEN: SEVIEL; ISSN: 1044-5773
- L5 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 12  
AU Chinnadurai, G.  
TI Control of **apoptosis** by human **adenovirus** genes  
SO Semin. Virol. (1998), 8(5), 399-408  
CODEN: SEVIEL; ISSN: 1044-5773
- L5 ANSWER 23 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Conseiller E; Debussche L; Landais D; Venot C; Maratrat M; Sierra V; Tocque B; Bracco L (Reprint)  
TI CTS1: A p53-derived chimeric tumor suppressor gene with enhanced in vitro apoptotic properties  
SO JOURNAL OF CLINICAL INVESTIGATION, (1 JAN 1998) Vol. 101, No. 1, pp. 120-127.  
Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021.  
ISSN: 0021-9738.
- L5 ANSWER 24 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS  
AU Schneider-Brachert, W.; Schlaak, C.; Davarnia, P.; Marget, M.; Kroenke, M.  
TI **Adenovirus** E3-14.7K protein does not prevent **apoptosis** by TNF-receptor associated **death proteins** or caspases.  
SO Journal of Interferon and Cytokine Research, (May, 1998) Vol. 18, No. 5, pp. A76.  
Meeting Info.: 7th International Conference on Tumor Necrosis Factor and Related Molecules Scientific Advances and Medical Applications Hyannis, Massachusetts, USA May 17-21, 1998  
ISSN: 1079-9907.
- L5 ANSWER 25 OF 30 MEDLINE DUPLICATE 13  
AU Querido E; Marcellus R C; Lai A; Charbonneau R; Teodoro J G; Ketner G; Branton P E  
TI Regulation of p53 levels by the E1B 55-kilodalton protein and **E4orf6** in **adenovirus**-infected cells.  
SO JOURNAL OF VIROLOGY, (1997 May) 71 (5) 3788-98.  
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 26 OF 30 MEDLINE DUPLICATE 14  
AU Whalen S G; Marcellus R C; Whalen A; Ahn N G; Ricciardi R P; Branton P E  
TI Phosphorylation within the transactivation domain of **adenovirus** E1A protein by mitogen-activated protein kinase regulates expression of early region 4.  
SO JOURNAL OF VIROLOGY, (1997 May) 71 (5) 3545-53.  
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 27 OF 30 MEDLINE DUPLICATE 15  
AU Li Y; Kang J; Horwitz M S  
TI Interaction of an **adenovirus** 14.7-kilodalton protein inhibitor of tumor necrosis factor alpha cytolysis with a new member of the GTPase superfamily of signal transducers.  
SO JOURNAL OF VIROLOGY, (1997 Feb) 71 (2) 1576-82.  
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 28 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)  
AU Nevels M; Rubenwolf S; Spruss T; Wolf H; Dobner T (Reprint)  
TI The **adenovirus E4orf6** protein can promote E1A/E1B-induced focus formation by interfering with p53 tumor suppressor function  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (18 FEB 1997) Vol. 94, No. 4, pp. 1206-1211.

Publisher: NATL ACAD PRESS, 2101 CONSTITUTION AVE NW, WASHINGTON, DC  
20418.  
ISSN: 0027-8424.

L5 ANSWER 29 OF 30 MEDLINE DUPLICATE 16  
AU Moore M; Horikoshi N; Shenk T  
TI Oncogenic potential of the **adenovirus E4orf6** protein.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1996 Oct 15) 93 (21) 11295-301.  
Journal code: PV3. ISSN: 0027-8424.

L5 ANSWER 30 OF 30 MEDLINE DUPLICATE 17  
AU Tollefson A E; Ryerse J S; Scaria A; Hermiston T W; Wold W S  
TI The E3-11.6-kDa **adenovirus death protein**  
(ADP) is required for efficient cell death: characterization of cells  
infected with adp mutants.  
SO VIROLOGY, (1996 Jun 1) 220 (1) 152-62.  
Journal code: XEA. ISSN: 0042-6822.